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| FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (USE SEVERAL SHEETS IF NECESSARY) | ATTY. DOCKET NO. FS.F5520US1CP | APPLICATION NO. Unknown |
| | APPLICANT Yasushi Ishii | |
| | FILING DATE Filed Herewith | GROUP Unknown |

10/090421
 02/28/03

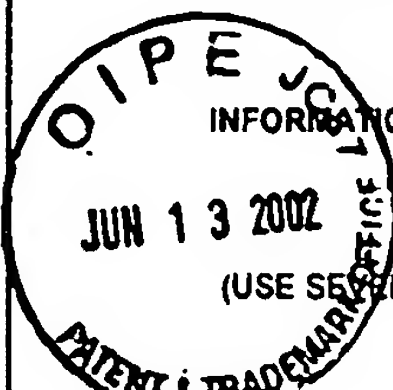
| U.S. PATENT DOCUMENTS | | | | | | | |
|-----------------------|--|-----------------|------------|------------------|-------|----------|------------------------------|
| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE (IF APPROPRIATE) |
| EC5 | | 4,452,194 | 06/05/1984 | Watanabe | | | |
| | | 4,735,048 | 04/05/1988 | Iwai | | | |
| | | 4,848,082 | 07/18/1989 | Takahashi et al. | | | |
| | | 4,900,282 | 02/13/1990 | Takahashi et al. | | | |
| | | 5,174,112 | 12/29/1992 | Sougawa et al. | | | |
| | | 5,239,825 | 08/31/1993 | Shibata | | | |
| | | 5,280,708 | 01/25/1994 | Sougawa et al. | | | |
| | | 5,378,180 | 01/03/1995 | Nakayama et al. | | | |
| | | 5,743,774 | 04/28/1998 | Adachi et al. | | | |
| | | 5,911,609 | 06/15/1999 | Fujimoto et al. | | | |
| | | 5,911,610 | 06/15/1999 | Fujimoto | | | |

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| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION | |
| | | | | | | | YES | NO |
| ✓ | | 04-260893 | 09/16/1992 | Japan | | | X (abstract only) | |
| | | 06-193441 ✓ | 07/12/1994 | Japan | | | X (abstract only) | |
| | | 07-189671 ✓ | 07/28/1995 | Japan | | | X (abstract only) | |
| | | 09-049424 ✓ | 02/18/1997 | Japan | | | X (abstract only) | |
| | | 2001-073750 ✓ | 03/21/2001 | Japan | | | X (abstract only) | |

| EXAMINER INITIAL | OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.) | |
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| EXAMINER | DATE CONSIDERED 8/7/03 |
| *EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT. | |

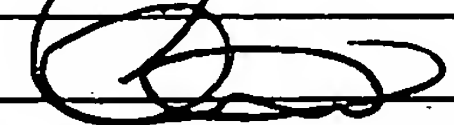
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| FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  INFORMATION DISCLOSURE STATEMENT BY APPLICANT (USE SEVERAL SHEETS IF NECESSARY) | ATTY. DOCKET NO. FS.F5520US1CP | APPLICATION NO. 10/090,421 |
| | APPLICANT Ishii | |
| | FILING DATE February 28, 2002 | GROUP 3617 |

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| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE (IF APPROPRIATE) |
| ELS | | 5,324,217 | 06/28/1994 | Mineo | | | |
| | | 5,372,530 | 12/13/1994 | Holtermann et al. | | | |
| | | 5,556,311 | 09/17/1996 | Fujimoto | | | |
| | | 5,702,276 | 12/30/1997 | Nakase et al. | | | |
| | | 5,822,985 | 10/20/1998 | Yoshimura | | | |
| | | 6,053,785 | 04/25/2000 | Kato et al. | | | |
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| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION | |
| | | | | | | | YES | NO |
| ELS | | DE 42 34 682 A1 | 06/17/1993 | Germany | | | | X |
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| EXAMINER INITIAL | OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.) | |
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| EXAMINER |  | DATE CONSIDERED | 8/7/03 |
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